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Patent and Trademark Office; U.S. Department of Commerce

	DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION			Attorney Docket No.:	SEM4492P0022US
				First Named Inventor:	Linlin Chen
	(37 CFR 1.63)		COMPLETE IF KNOWN		
	Declaration	×	Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(a)) required	Application Number:	09/387,033
•	Submitted With Initial Filing			Filing Date:	August 31, 1999
				Group Art Unit:	
				Examiner Name:	

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>APPARATUS AND METHOD FOR ELECTROLYTICALLY DEPOSITING</u>
<u>COPPER ON A SEMICONDUCTOR WORKPIECE</u>, the specification of which:

	is attached hereto; or		
Ø	was filed on	August 31, 1999	
	as Application Serial No.	09/387,033	
	and was amended on	August 31, 199	(if applicable

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information to the Patent and Trademark Office known to me to be material to patentability of this application, as defined in 37 CFR. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign	Country	Foreign Filing Date	Priority Not	Certified Copy Attached?	
Application Numbers			Claimed	YES	NO
			0		
				О	

Additional foreign application numbers are listed on a supplemental priority data sheet (PTO/SB/02B) attached hereto.

I hereby claim the benefit under 35 U.S.C. 119 (e) of any United States application(s) listed below.

Application Number(s)	Filing Date	Additional provisional application numbers are listed on a supplemental
USSN 60/085,675	May 15, 1998	priority data sheet (PTO/SB/02B) attached hereto.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number (if applicable)
PCT/US99/06306 USSN 09/045,245	March 22, 1999 March 20, 1998	

□ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet (PTO/SB/02B) attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Harry M. Cross, Jr. Lawrence J. Chapa Randall T. Erickson Stephen D. Geimer Allen J. Hoover Martin L. Katz Kathleen A. Lyons John P. Milnamow	Reg. No. 22,229 Reg. No. 39,135 Reg. No. 33,872 Reg. No. 28,846 Reg. No. 24,103 Reg. No. 25,011 Reg. No. 31,852 Reg. No. 20,635	Paul M. Odell Robert B. Polit Elaine M. Ramesh Keith V. Rockey Thomas I. Ross Joel E. Siegel Paul M. Vargo	Reg. No. 28,332 Reg. No. 33,993 Reg. No. 43,032 Reg. No. 24,713 Reg. No. 29,275 Reg. No. 25,440 Reg. No. 29,116
Lisa V. Mueller	Reg. No. 38,978		

whose mailing address for this application is: ROCKEY, MILNAMOW & KATZ, LTD.

Two Prudential Plaza - Suite 4700

180 North Stetson Avenue Chicago, Illinois 60601 Telephone: (312) 616-5400 Facsimile: (312) 616-5460

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	Linlin Chen		
Citizenship:	Canada		
Residence:	121 Hawthorne Avenue, Kalispell, Montana 59901		
Post Office Address (if different):	same as above		
Signature:		Date: 17 NOV 99	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chen, Linlin

Attorney Docket No. SEMI116009

Serial No.:

09/387,033

Group Art Unit: 1741

Filed:

August 31, 1999

Examiner: Tonya Lee

Title:

Apparatus and Methods for Electrolytically Depositing Copper on a Semiconductor

Workpiece

REVOCATION AND POWER OF ATTORNEY BY ASSIGNEE

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Semitool, Inc., a Montana corporation, having a principal place of business at 655 West Reserve Drive, Kalispell, Montana 59901, represents that it is owner of the entire right, title and interest in the above application by virtue of an assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office at Reel 010426, Frame 0654 or for which a copy thereof is attached. The undersigned has reviewed the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The Assignee of the above-identified application hereby revoke(s) all previous powers of attorney given and filed in said application and appoint(s) the firm of Christensen O'Connor Johnson Kindness^{PLLC} and Bruce E. O'Connor, Reg. No. 24,849; Lee E. Johnson, Reg. No. 22,946; Gary S. Kindness, Reg. No. 22,178; James W. Anable, Reg. No. 26,827; James R. Uhlir, Reg. No. 25,096; Jerald E. Nagae, Reg. No. 29,418; Dennis K. Shelton, Reg. No. 26,997; Jeffrey M. Sakoi, Reg. No. 32,059; Ward Brown, Reg. No. 28,400; Robert J. Carlson, Reg. No. 35,472; Marcia S. Kelbon, Reg. No. 34,358; Rodney C. Tullett, Reg. No. 34,034; Daiva K. Tautvydas, Reg. No. 36,077; Mary L. Culic, Reg. No. 40,574; members of the firm, with full power to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith. Address all telephone calls to Marcia S. Kelbon at telephone number 206.695.1720.

I also hereby grant the following attorney a principal power of attorney with full power to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith: Harry M. Cross, Jr., Reg. No. 22,229.

Address all further correspondence relating to said application to:

CHRISTENSEN O'CONNOR JOHNSON KINDNESSPLLC 1420 Fifth Avenue Suite 2800 Seattle, WA 98101-2347

For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned (whose title is supplied below) is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

		Semitool, Inc.
Date:	AUG 24 2000	morrant Dinselia
		Name: William A. Freeman

Respectfully submitted,

Title: Senior Vice President, Finance and CFO

MSK:dc